

Product datasheet for **SC330067**

PLTP (NM_001242921) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLTP (NM_001242921) Human Untagged Clone
Tag: Tag Free
Symbol: PLTP
Synonyms: BPIFE; HDLCQ9
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330067 representing NM_001242921.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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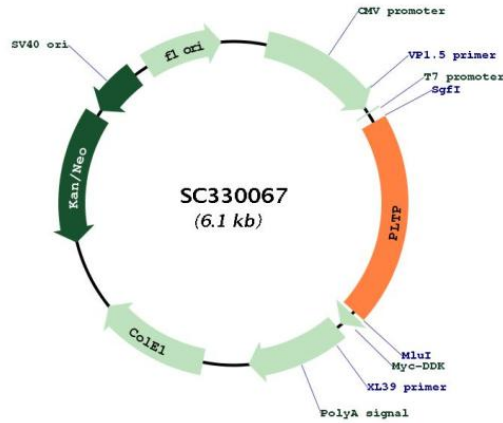
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GGGGAACTTCAAGAAGGTGTATGATTTTCTCTCCACGTTTCACCTCAGGGATGCGCTTCTCCTCCTC
AACCAGCAGATCTGCCCTGTCTCTACCACGCAGGGACGGTCTGCTCAACTCCCTCTGGACACCGTG
CCTGTGCGCAGTTCTGTGGACGAGCTTGTGGCATTGACTATTCCCTCATGAAGGATCCTGTGGCTTCC
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ACCATCGGGGCTGATCTCACTTTGCCAAAGGGCTGCGAGAGGTGATTGAGAAGAACCGGCTGCTGAT
GTCAGGGGCTCCACTGCCCCACACCGTCCACAGCAGCTGCTGA
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001242921

Insert Size: 1218 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001242921.1](#)

RefSeq Size: 1727 bp

RefSeq ORF: 1218 bp

Locus ID:	5360
UniProt ID:	P55058
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	PPAR signaling pathway
MW:	44.8 kDa
Gene Summary:	<p>The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon compared to variant 1. The resulting protein (isoform d) is shorter and has a distinct N-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>